Substitute SEQUENCE LISTING

<110> Kwon, Byoung

<120> NEW RECEPTOR AND RELATED PRODUCTS AND METHODS

<130> 740.013US2

<140> 08/955,572
<141> 1997-10-22

<150> 08/461,652
<151> 1995-06-05

<150> 08/122,796
<151> 1993-09-03

<160> 12

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 838
<212> DNA
<213> Homo sapiens

<400> 1

```
aatcagcttt gctagtatca tacctgtgcc agatttcatc atgggaaaca gctgttacaa      60
catagtagcc actctgttgc tggtcctcaa ctttgagagg acaagatcat tgcaggatcc     120
ttgtagtaac tgcccagctg gtacattctg tgataataac aggaatcaga tttgcagtcc     180
ctgtcctcca aatagtttct ccagcgcagg tggacaaagg acctgtgaca tatgcaggca     240
gtgtaaaggt gttttcagga ccaggaagga gtgttcctcc accagcaatg cagagtgtga     300
ctgcactcca gggtttcact gcctgggggc aggatgcagc atgtgtgaac aggattgtaa     360
acaaggtcaa gaactgacaa aaaaaggttg taaagactgt tgctttggga catttaacga     420
tcagaaacgt ggcatctgtc gaccctggac aaactgttct ttggatggaa agtctgtgct     480
tgtgaatggg acgaaggaga gggacgtggt ctgtggacca tctccagctg acctctctcc     540
gggagcatcc tctgtgaccc cgcctgcccc tgcgagagag ccaggacact ctccgcagat     600
catctccttc tttcttgcgc tgacgtcgac tgcgttgctc ttcctgctgt tcttcctcac     660
gctccgtttc tctgttgtta aacggggcag aaagaaactc ctgtatatat tcaaacaacc     720
atttatgaga ccagtacaaa ctactcaaga ggaagatggc tgtagctgcc gatttccaga     780
agaagaagaa ggaggatgtg aactgtgaaa tggaagtcaa tagggctgtt gggacttt       838
```

<210> 2
<211> 255
<212> PRT
<213> Homo sapiens

<400> 2

```
Met Gly Asn Ser Cys Tyr Asn Ile Val Ala Thr Leu Leu Leu Val Leu
 1               5                  10                  15
Asn Phe Glu Arg Thr Arg Ser Leu Gln Asp Pro Cys Ser Asn Cys Pro
            20                  25                  30
Ala Gly Thr Phe Cys Asp Asn Asn Arg Asn Gln Ile Cys Ser Pro Cys
        35                  40                  45
Pro Pro Asn Ser Phe Ser Ser Ala Gly Gly Gln Arg Thr Cys Asp Ile
    50                  55                  60
Cys Arg Gln Cys Lys Gly Val Phe Arg Thr Arg Lys Glu Cys Ser Ser
65                  70                  75                  80
Thr Ser Asn Ala Glu Cys Asp Cys Thr Pro Gly Phe His Cys Leu Gly
```

```
                85                  90                  95
Ala Gly Cys Ser Met Cys Glu Gln Asp Cys Lys Gln Gly Gln Glu Leu
            100                 105                 110
Thr Lys Lys Gly Cys Lys Asp Cys Cys Phe Gly Thr Phe Asn Asp Gln
        115                 120                 125
Lys Arg Gly Ile Cys Arg Pro Trp Thr Asn Cys Ser Leu Asp Gly Lys
    130                 135                 140
Ser Val Leu Val Asn Gly Thr Lys Glu Arg Asp Val Val Cys Gly Pro
145                 150                 155                 160
Ser Pro Ala Asp Leu Ser Pro Gly Ala Ser Ser Val Thr Pro Pro Ala
                165                 170                 175
Pro Ala Arg Glu Pro Gly His Ser Pro Gln Ile Ile Ser Phe Phe Leu
            180                 185                 190
Ala Leu Thr Ser Thr Ala Leu Leu Phe Leu Leu Phe Phe Leu Thr Leu
        195                 200                 205
Arg Phe Ser Val Val Lys Arg Gly Arg Lys Lys Leu Leu Tyr Ile Phe
    210                 215                 220
Lys Gln Pro Phe Met Arg Pro Val Gln Thr Thr Gln Glu Glu Asp Gly
225                 230                 235                 240
Cys Ser Cys Arg Phe Pro Glu Glu Glu Glu Gly Gly Cys Glu Leu
                245                 250                 255
```

<210> 3
<211> 20
<212> DNA
<213> Homo sapiens

<400> 3
ttytgymgaa artayaaycc 20

<210> 4
<211> 20
<212> DNA
<213> Homo sapiens

<400> 4
ttytcstsca htggtggaca 20

<210> 5
<211> 20
<212> DNA
<213> Homo sapiens

<400> 5
cccargswrc aggtyttrca 20

<210> 6
<211> 20
<212> DNA
<213> Homo sapiens

<400> 6
ttytgrtcrt traatgttcc 20

<210> 7
<211> 25
<212> DNA
<213> Homo sapiens

<400> 7
aataagcttt gctagtatca tacct 25

<210> 8
<211> 30
<212> DNA
<213> Homo sapiens

<400> 8
ttaagatctc tgcggagagt gtcctggctc 30

<210> 9
<211> 2350
<212> DNA
<213> Mus musculus

<220>
<221> unsure
<222> (1253)...(1255)
<223> (a or g or c or t/u)

<400> 9
atgtccatga actgctgagt ggataaacag cacgggatat ctctgtctaa aggaatatta 60
ctacaccagg aaaaggacac attcgacaac aggaaaggag cctgtcacag aaaaccacag 120
tgtcctgtgc atgtgacatt tcgccatggg aaacaactgt tacaacgtgg tggtcattgt 180
gctgctgcta gtgggctgtg agaaggtggg agccgtgcag aactcctgtg ataactgtca 240
gcctggtact ttctgcagaa aatacaatcc agtctgcaag agctgccctc caagtacctt 300
ctccagcata ggtggacagc cgaactgtaa catctgcaga gtgtgtgcag gctatttcag 360
gttcaagaag ttttgctcct ctacccacaa cgcggagtgt gagtgcattg aaggattcca 420
ttgcttgggg ccacagtgca ccagatgtga aaaggactgc aggcctggcc aggagctaac 480
gaagcagggt tgcaaaacct gtagcttggg aacatttaat gaccagaacg gtactggcgt 540
ctgtcgaccc tggacgaact gctctctaga cggaaggtct gtgcttaaga ccgggaccac 600
ggagaaggac gtggtgtgtg gacccctgt ggtgagcttc tctcccagta ccaccatttc 660
tgtgactcca gagggaggac caggagggca ctccttgcag gtccttacct tgttcctggc 720
gctgacatcg gctttgctgc tggccctgat cttcattact ctcctgttct ctgtgctcaa 780
atggatcagg aaaaaattcc cccacatatt caagcaacca tttaagaaga ccactggagc 840
agctcaagag gaagatgctt gtagctgccg atgtccacag gaagaagaag gaggaggagg 900
aggctatgag ctgtgatgta ctatcctagg agatgtgtgg gccgaaaccg agaagcacta 960
ggaccccacc atcctgtgga acagcacaag caaccccacc accctgttct tacacatcat 1020
cctagatgat gtgtgggcgc gcacctcatc caagtctctt ctaacgctaa catatttgtc 1080
tttacctttt ttaaatcttt ttttaaattt aaattttatg tgtgtgagtg ttttgcctgc 1140
ctgtatgcac acgtgtgtgt gtgtgtgtgt gtgacactcc tgatgcctga ggaggtcaga 1200
agacaaaggg ttggttccat aagaactgga gttatggatg gctgtgagcc ggnnngatag 1260
gtcgggacgg agacctgtct tcttatttta acgtgactgt ataataaaaa aaaaatgata 1320
tttcgggaat tgtagagatt gtcctgacac ccttctagtt aatgatctaa gaggaattgt 1380
tgatacgtag tatactgtat atgtgtatgt atatgtatat gtatatataa gactctttta 1440
ctgtcaaagt caacctagag tgtctggtta ccaggtcaat tttattggac attttacgtc 1500
acacacacac acacacacac acacacacgt ttatactacg tactgttatc ggtattctac 1560
gtcatataat gggatagggt aaaaggaaac caaagagtga gtgatattat tgtggaggtg 1620
acagactacc ccttctgggt acgtagggac agacctcctt cggactgtct aaaactcccc 1680
ttagaagtct cgtcaagttc ccggacgaag aggacagagg agacacagtc cgaaaagtta 1740
tttttccggc aaatcctttc cctgtttcgt gacactccac cccttgtgga cacttgagtg 1800
tcatccttgc gccggaaggt caggtggtac ccgtctgtag gggcggggag acagagccgc 1860
gggggagcta cgagaatcga ctcacagggc gccccgggct tcgcaaatga aacttttta 1920
atctcacaag tttcgtccgg gctcggcgga cctatggcgt cgatccttat taccttatcc 1980
tggcgccaag ataaaacaac caaaagcctt gactccggta ctaattctcc ctgccggccc 2040
ccgtaagcat aacgcggcga tctccacttt aagaacctgg ccgcgttctg cctggtctcg 2100
ctttcgtaaa cggttcttac aaaagtaatt agttcttgct ttcagcctcc aagcttctgc 2160
tagtctatgg cagcatcaag gctggtattt gctacggctg accgctacgc cgccgcaata 2220
agggtactgg gcggcccgtc gaaggccctt tggtttcaga aacccaaggc ccccctcata 2280
ccaacgtttc gactttgatt cttgccggta cgtggtggtg ggtgccttag ctctttctcg 2340
atagttagac 2350

<210> 10

<211> 256
<212> PRT
<213> Mus musculus

<400> 10

```
Met Gly Asn Asn Cys Tyr Asn Val Val Val Ile Val Leu Leu Leu Val
 1               5                  10                  15
Gly Cys Glu Lys Val Gly Ala Val Gln Asn Ser Cys Asp Asn Cys Gln
            20                  25                  30
Pro Gly Thr Phe Cys Arg Lys Tyr Asn Pro Val Cys Lys Ser Cys Pro
        35                  40                  45
Pro Ser Thr Phe Ser Ser Ile Gly Gly Gln Pro Asn Cys Asn Ile Cys
    50                  55                  60
Arg Val Cys Ala Gly Tyr Phe Arg Phe Lys Lys Phe Cys Ser Ser Thr
65                  70                  75                  80
His Asn Ala Glu Cys Glu Cys Ile Glu Gly Phe His Cys Leu Gly Pro
                85                  90                  95
Gln Cys Thr Arg Cys Glu Lys Asp Cys Arg Pro Gly Gln Glu Leu Thr
            100                 105                 110
Lys Gln Gly Cys Lys Thr Cys Ser Leu Gly Thr Phe Asn Asp Gln Asn
        115                 120                 125
Gly Thr Gly Val Cys Arg Pro Trp Thr Asn Cys Ser Leu Asp Gly Arg
    130                 135                 140
Ser Val Leu Lys Thr Gly Thr Thr Glu Lys Asp Val Val Cys Gly Pro
145                 150                 155                 160
Pro Val Val Ser Phe Ser Pro Ser Thr Thr Ile Ser Val Thr Pro Glu
                165                 170                 175
Gly Gly Pro Gly Gly His Ser Leu Gln Val Leu Thr Leu Phe Leu Ala
            180                 185                 190
Leu Thr Ser Ala Leu Leu Leu Ala Leu Ile Phe Ile Thr Leu Leu Phe
        195                 200                 205
Ser Val Leu Lys Trp Ile Arg Lys Lys Phe Pro His Ile Phe Lys Gln
    210                 215                 220
Pro Phe Lys Lys Thr Thr Gly Ala Ala Gln Glu Glu Asp Ala Cys Ser
225                 230                 235                 240
Cys Arg Cys Pro Gln Glu Glu Glu Gly Gly Gly Gly Gly Tyr Glu Leu
                245                 250                 255
```

<210> 11
<211> 24
<212> PRT
<213> Homo sapiens

<220>
<221> ZN_FING
<222> 2...3, 5...13, 15...17, 19...21, 23
<223> Putative zinc finger structure

<400> 11

```
Cys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa
 1               5                  10                  15
Xaa His Xaa Xaa Xaa Cys Xaa Cys
            20
```

<210> 12
<211> 12
<212> PRT
<213> Homo sapiens

<400> 12

Leu Gln Asp Pro Cys Ser Asn Cys Pro Ala Gly Thr
1 5 10